

# Syllabus for ABT 789

## Pre-Capstone

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**NOTE:** This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

### Course Description

Prepares the student for applied self-directed capstone experience. Addressing problem identification, research, and project formulation. Culminates in an oral and written proposal with project schedule.

### Prerequisite(s)

Completion of all core courses and at least two track courses. The third track course can be taken along with 789 if necessary.

### Course Outcomes

Upon completing this course, you will be able to do the following:

- Establish a partnership with a mentor
- Identify a problem your project will address
- Integrate scientific knowledge and professional skill development accrued through
  - research, didactic learning, and professional networking
- Develop a well-articulated, focused project
- Present a project proposal in a professional manner to one's peers

### Course Requirements/Components

#### Partnership Establishment and Expectations

Establish a connection with a professional in the field of biotechnology. This person will be an active supervisor/mentor throughout your project. If applicable, identify the organization/site to be affiliated with your project. Include in a document the expectations supervisor/mentor agrees to, expectations student agrees to, and expectations faculty agrees to, including name of the organization/site, confidentiality agreement, and signatures.

#### Capstone Written Proposal

Should provide enough information to determine if topic is appropriate and gauge whether the scope is likely to be manageable within the given timeframe.

Contains 5 sections: introduction, problem description, literature review, project description, and references.

#### Oral Presentation

A PowerPoint presentation containing an overview of the proposed project. Contains a title, name, and sections a-d as described above. To be peer-reviewed.

## Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Grade	Percentage Range
A	92.5% - 100%
A-	89.5% - 92.4%
B+	86.5% - 89.4%
B	82.5% - 86.4%
B-	79.5% - 82.4%
C+	76.5% - 79.4%
C	72.5% - 76.4%
C-	69.5% - 72.4%
F	0 – 69.4%